

CLAIMS:

1. Medical examination system comprising a medical examination device and a control device to operate the medical examination device, wherein the control device transmits signals comprising control signals accompanied by an identification code and wherein the examination device is provided with means to verify the identification code and is arranged to accept the corresponding control signals when the identification code is correct and to reject the corresponding control signals when the identification code is not correct, characterized in that, the examination system further comprises communication means for automatically communicating the identification code between the control device and the examination device.
- 10 2. Medical examination system according to claim 1, wherein the communication means (6; 16) are arranged to receive the identification code from the medical examination device for transmittance to the control device.
- 15 3. Medical examination system according to claim 1 or 2, wherein the communication means are arranged for periodically transmitting the identification code and the control device is provided with memory means for temporal storage of the identification code.
- 20 4. Medical examination system according to claim 1, 2 or 3, wherein the communication means comprise Infra Red transmitter means and the control device is provided with Infra Red receiver means.
- 25 5. Medical examination system according to claim 1, wherein the communication means are arranged to receive the identification code from the control device for transmittance to the examination device.

6. Medical examination system according to claim 5, wherein the communication means comprise interrogation means for periodically retrieving the identification code from the control device.
- 5 7. Medical examination system according to claim 6, wherein the interrogation means comprise an RFID reader and the control device is provided with an RFID tag.
8. Medical examination system according to one or more of the preceding claims, wherein the control device is provided with a radio frequent transmitter and the
10 examination device is provided with a radio frequent receiver.
9. Medical examination system according to one or more of the preceding claims, wherein the identification code comprises a room identification code identifying the room in which the examination device is located.
- 15 10. Medical examination system according to one or more of the preceding claims, wherein the examination device comprises an X-ray device.
11. Medical examination system according to claim 10, wherein the control device
20 is an X-ray foot switch.
12. Method for automatically communicating an identification code between a control device and a medical examination device in a medical examination system according to one or more of the preceding claims 1 through 4, and 8 through 11, comprising the steps
25 of:
- a) receiving the identification code from the medical examination device by the communication means;
 - b) transmitting the identification code periodically to the control device by the communication means; and
 - 30 c) temporally storing the identification code in the memory means of the control device.
13. Method for automatically communicating an identification code between a control device and a medical examination device in a medical examination system according to one or more of the preceding claims 5 through 11, comprising the steps of:

- a) periodically interrogating the control device by the communication means for retrieving the identification code; and
- b) transmitting the identification code to the examination device by the communication means.